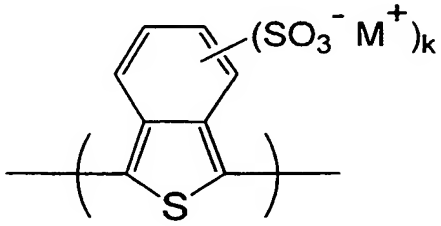
CLAIMS

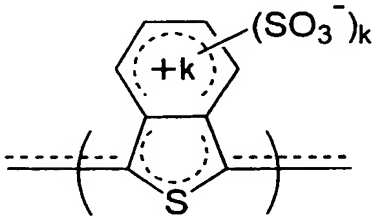
1. A polymer for an anode buffer layer in an organic light emitting device, comprising a self-doping conductive polymer having a pH value of 3 to 7 in a 1% by mass aqueous solution.

2. The polymer for an anode buffer layer according to claim 1, wherein the polymer comprises a monomer unit represented by the following formula (1):



(1)

wherein M^+ represents a hydrogen ion, an alkali metal ion, or a quaternary ammonium ion, k represents 1 or 2, and a hydrogen atom in the aromatic ring may be replaced by a substituent, and/or a monomer unit represented by the following formula (2):



(2)

wherein k represents 1 or 2, +k represents a positive charge number, and a hydrogen atom in the aromatic ring may be replaced by a substituent.

3. The polymer for an anode buffer layer according to claim 2, having a weight average molecular weight of 1,000 to 200,000.

4. The polymer for an anode buffer layer according to claim 2, which is a polymer of 5-sulfoisothianaphthene-1,3-diyl, a random copolymer containing 5-sulfoisothianaphthene-1,3-diyl in an amount of 80 % by mass or more, poly(5-sulfoisothianaphthene-1,3-diyl-co-isothianaphthene-1,3-diyl) or a salt thereof.

5. A coating solution for an anode buffer layer of an organic light emitting device, comprising the polymer according to any one of claims 1 to 4.

6. The coating solution for an anode buffer layer according to claim 5, comprising the polymer according to any one of 1 to 4 at a concentration of 0.1 to 10 % by mass.

7. The coating solution for an anode buffer layer according to claim 5 or 6, further comprising a surfactant at a concentration of 100 % by mass or less based on the polymer for the anode buffer layer.

8. The coating solution for an anode buffer layer according to claim 5 or 6, further comprising at least one alcohol selected from the group consisting of methanol, ethanol and 2-propanol at a concentration of 60 % by mass or less based on the whole solution.

9. An organic light emitting device comprising at least one light emitting layer between an anode and a cathode, wherein the light emitting layer adjacent to the anode is an anode buffer

layer comprising the polymer for the anode buffer layer according to any one of claims 1 to 4.

10. The organic light emitting device according to claim 9, wherein the light emitting layer comprises a fluorescent polymer material.

11. The organic light emitting device according to claim 9, wherein the light emitting layer comprises a phosphorescent polymer material.